

10/2/83 08:23:50

FIGURE 3

Name of ASO	1	2	3	4	5	6	7	8	9
Motif containing	-	-	0796	2755	1906	2350	3004	3208	3466
LPS stimulation	-	-	No	Yes	Yes	Yes	Yes	Yes	Yes
TNF- α inhibition	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	-	-	48%	92%	80%	18%	77%	8%	No

TNF- α mRNA



18S rRNA



1 gaattccggg tgatttcaact cccgggtgtc caggcttgct ctgtacccc accagcctt
61 tctgaggcc tcaagcctgc caccaagccc ccagctcctt ctccccgcag gacccaaca
121 caggcctcag gactcaacac agcttttccc tccaacccgt tttctctccc tcaacggact
181 cagctttctg aagccctcc cagttctagt cctatctttt tcctgcatcc tgtctggaag
241 ttagaaggaa acagaccaca gacctggtcc ccaaaagaaa tggaggcaat aggtttttgag
301 gggcatgGGG Acggggttca gcctccaggg tcctacacac aaatcagtca gtggcccaga
361 agacccccc cggaaatcggg gcaGGAGgga tgGGAGtggt gaggggtatc cttgatgctt
421 gtgtgtcccc aactttccaa atccccgcc cgcgatgga gaagaaaaccg agacagaagg
481 tgcaggggccc actaccgctt cctccagatg agctcatggg tttctccacc aaggaaagt
541 tccgctgggtt gaatgattct ttccccgcc cctctctgcc ccaGGGACat ataaaggcag
601 ttgttggcac accagccag cagacgctcc ctcaagcaag acagcagagg accagctaag
661 aGGGAgagaa gcaactacag accccccctg aaaacaaccc tcagacgcca catccccga
721 caagctgcca ggcaggttct ctctcttca catactgacc caccgcttca cctctctcc
781 cctggaagg acaccatgag cactgaaagc atgatccGGG Acgtggagct ggccgaggag
841 gcgctcccc aagaacagagg ggggccccag ggctccaggc ggtgcttggt cctcagcctc
901 ttctcttcc tgatcgtggc aggcgccacc acgctcttct gcctgctgca ctttggagt
961 atcggcccc agaGGAaga ggtgagtgcc tggccagcct tcatccactc tcccacccaa
1021 gGGGAaatga gagacgcaag agatGGGAtg ggtgaaagat ggtcgcctgat
1081 aGGGAGGGAt gaggagaaa gaaagacgGG Gatgcagaaa gagatgtggc
1141 agagatgGG GAagagagag agagaaagat ggagagacag gatgtctggc acatggaagg
1201 tgctcactaa gtgtgtatgg agtgaatgaa tgaatgaatg aatgaacaag cagatatata
1261 aataagatat ggagacagat gtggggtgtg agaagagaga tggGGGAaga aacaagtgat
1321 atgaataaag atggtgagac agaaagagcG GGAaatatga cagctaaagg gagagatggg
1381 ggagataaag agagaagaag atagggtgtc tggcacacag agacactca GGAaagagc
1441 tgttgaatgc tggagggtga atacacagat gaatggagag agaaaaccag acacctcagg
1501 gctaagagcg caggccagac aggcagccag ctgttcttcc ttaaagggtg actccctcga
1561 tgttaacat tctccttctc cccaaggGAC ctctctctaa tcagccctct

Fig. 4A

1621 ggccaggca gtcagtaagt gtctccaaac ctctttccta attctgggtt tgggttttggg
1681 ggtagggtta gtaccggtat ggaagcagtg gGGAaattt aaagttttgg tcttggGGA
1741 ggatggatgg aggtgaaagt aggggggtat ttcttaggaa gtttaagggt ctcagctttt
1801 tcttttctct taagagctct ggcctcttca ggcctcttct agggggtat gagtgacaag cctgtagccc
1861 atgttgtagg ttgaagcccg gctgatggtg ggcagaactt gaggagactt ctggaactt gatttgGGA
1921 caaGGAagg gtggaggaa gGAtgacaga tgtggagagt ggtgagcctc tgagaaggac tcgctgagct
1981 gtGGGAtgtG tttgggagga gGAtgacaga gGAtgacaga ttagtGGAt actcagaacg tcatggccag
2041 agggccaggga tttgggagga gGAtgacaga gGAtgacaga aggaaccgga tgtggggtgg gcagagctcg
2101 ctccctccag caaacctca tttgggaggt gGAtgacaga gGAtgacaga gGAtgacaga cctctctcc
2161 gcctccttgg ccaatggcgt gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga cggggccaat
2221 ctgtacctca tctactcca tctactcca tctactcca gGAtgacaga gGAtgacaga gGAtgacaga atcagagggc
2281 ctccctcacc acaccatcag agagcccctg tctatctGGG Aggggtcttc tctcgacttt aacatccaa
2341 tctgoccatc tatgagccca gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga
2401 tatgagccca gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga
2461 gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga
2521 gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga
2581 gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga
2641 gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga
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2881 gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga
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3061 gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga
3121 gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga
3181 gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga gGAtgacaga

Fig. 4B

3241 ttttaaaata tttatctgat taagttgtct aaacaatgct gatttggtga ccaactgtca
3301 ctcatgtctg agcctctgct ccccagGGGA ggtgtgtctg taatcgccct actattcagt
3361 ggcgagaaat aaagtttgct tagaaaagaa acatggtctc cttcttgga ttaattctgc
3421 atctgcctct tcttggtggt GGGAagaagc tccctaagtc ctctctccac aggctttaag
3481 atccctcgga cccagtcccc tccttagact cctagggcc tggagaccct acataaaca
3541 agcccaacag aatattcccc atccccagg aaacaagagc ctgaaccctaa ttacctctcc
3601 ctcagggcat GGGAatttcc aactctGGGA attc

Fig. 4C

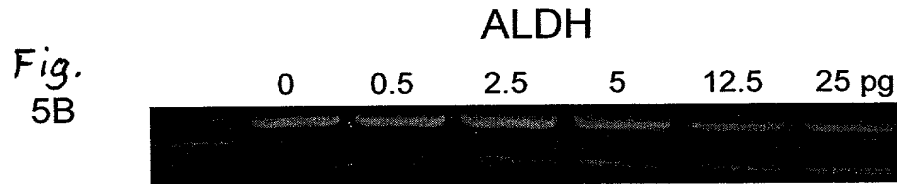
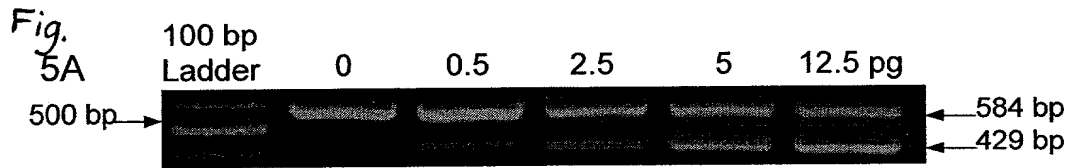
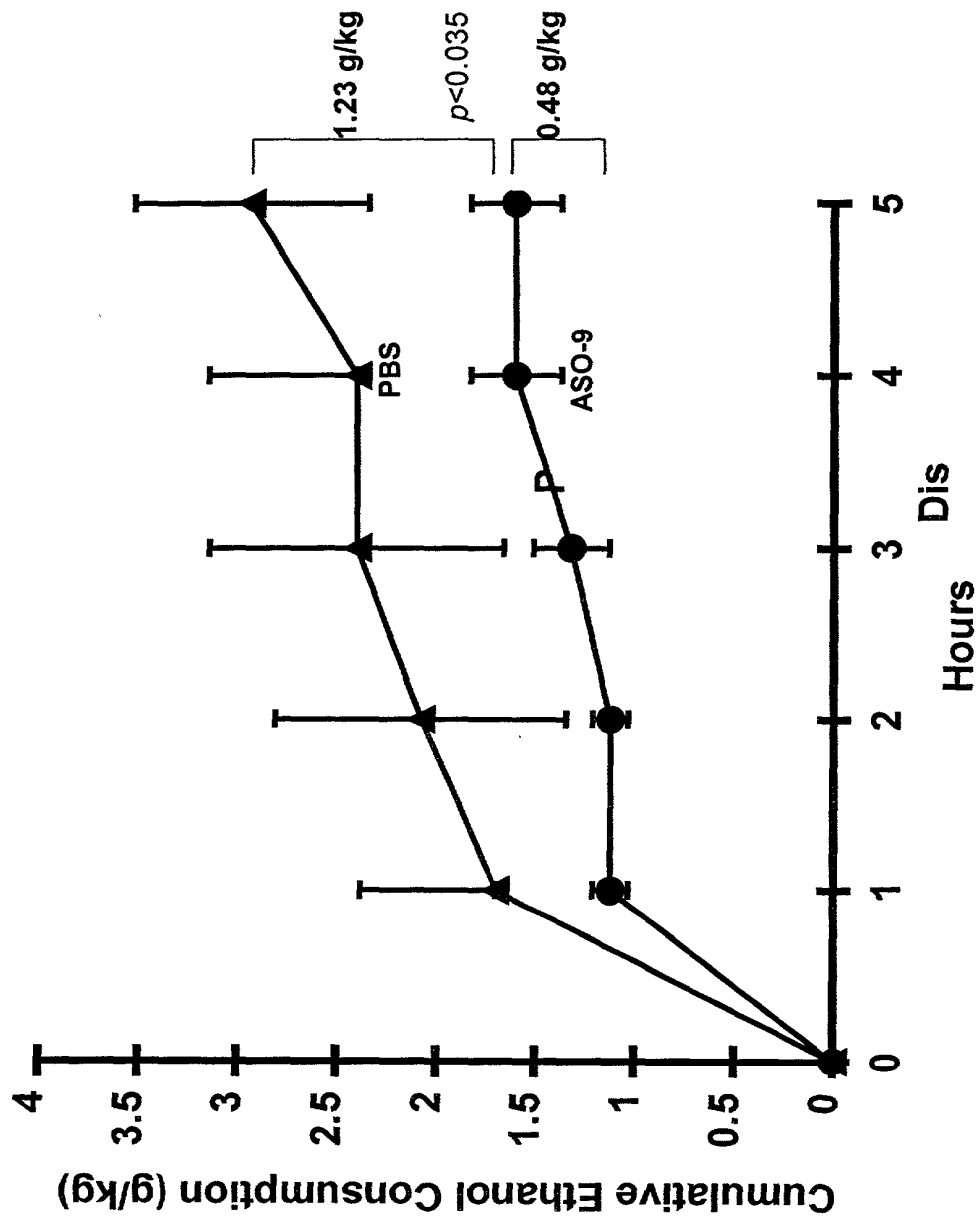


FIGURE 6



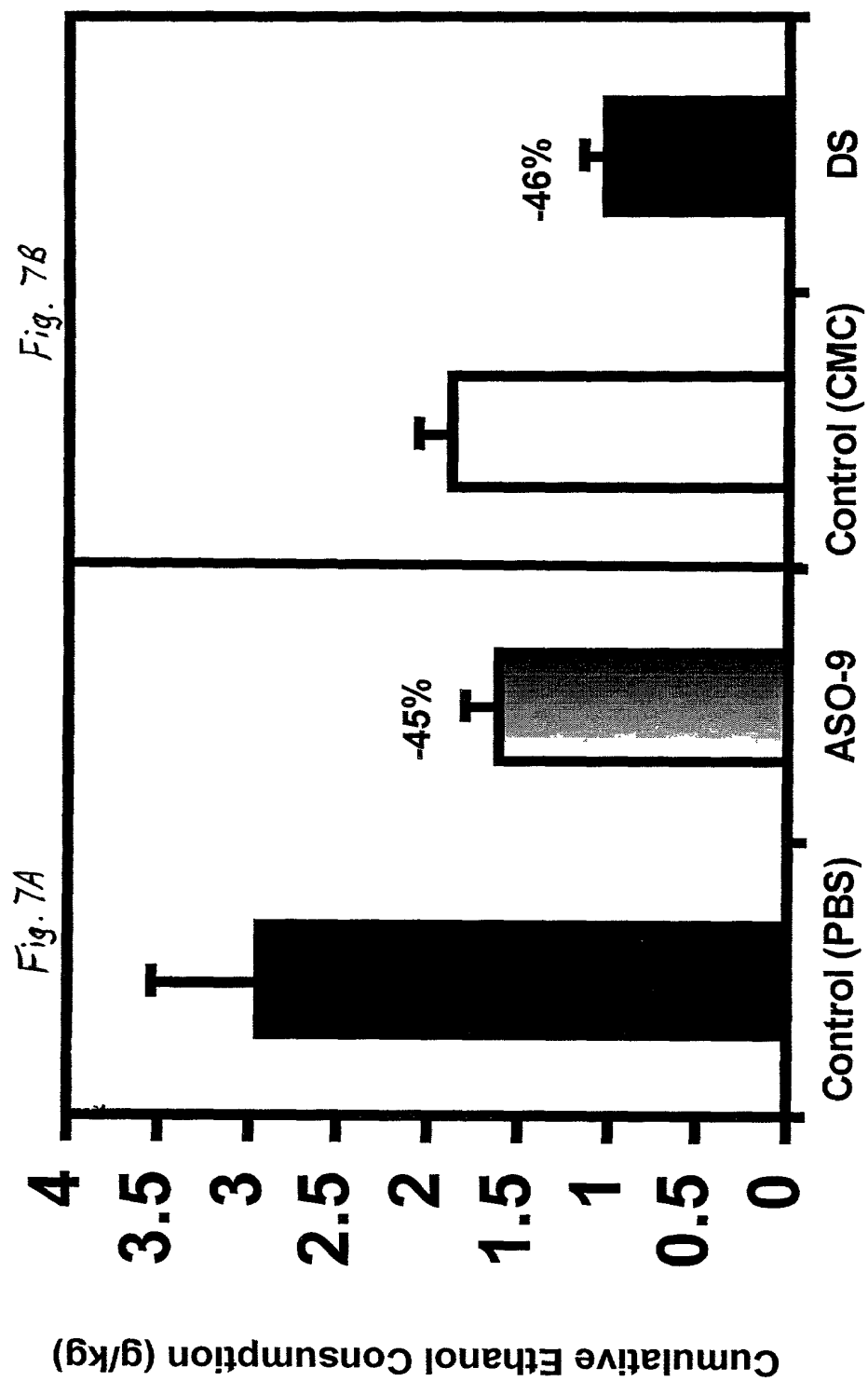


Fig. 8A

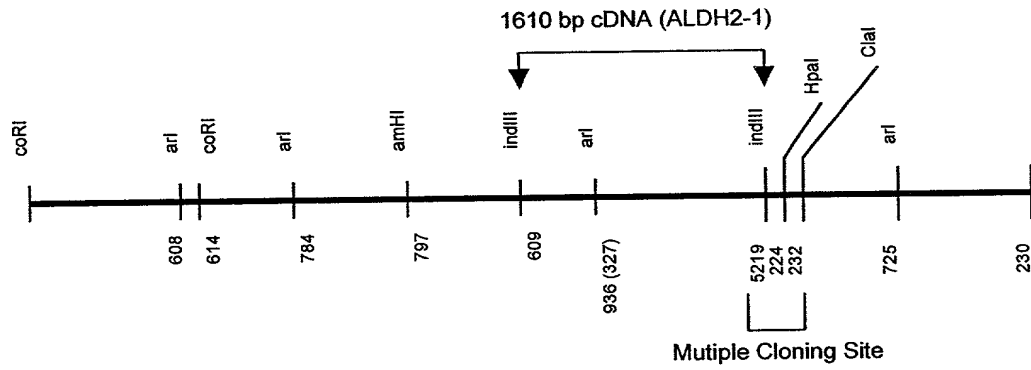
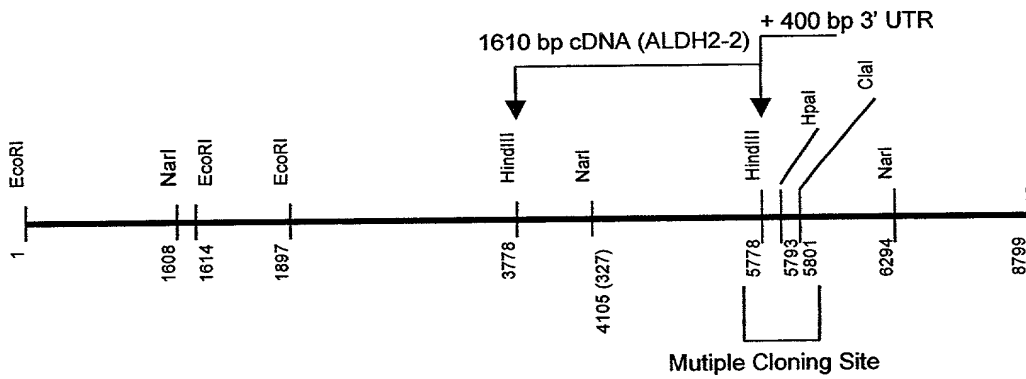


Fig. 8B



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FIGURE 9

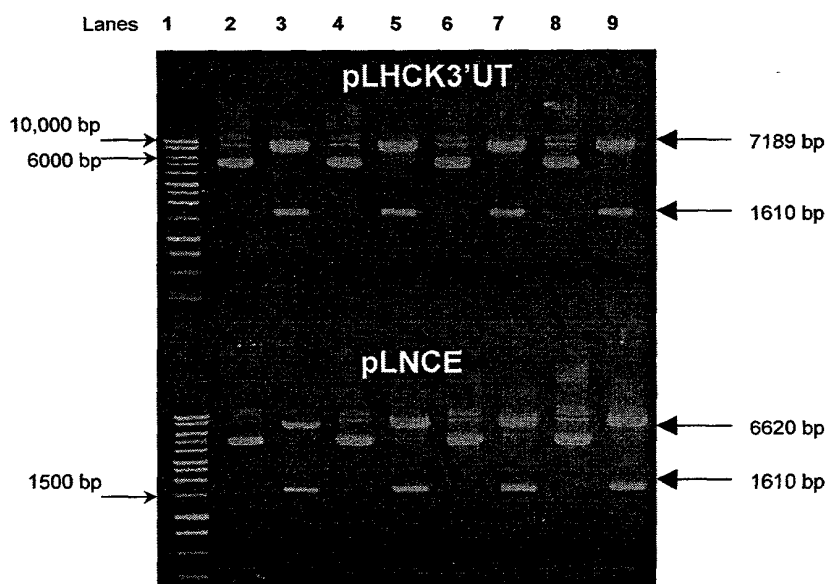
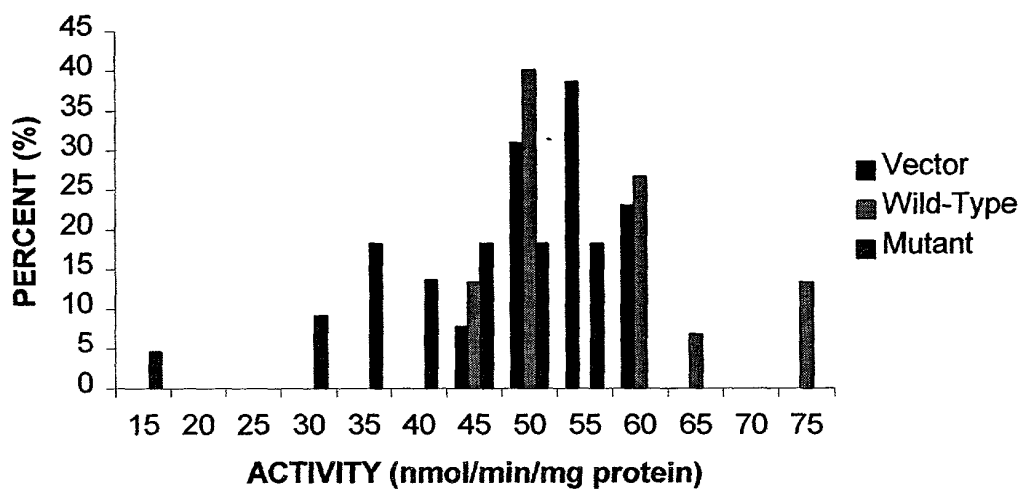


FIGURE 10^{12/14}

H4-II-E-C3 TRANSDUCTION



GCTTTATCTG CTAAGCTCCG CTCAGTTCAG CATGCTGCGC GCCGCACTCA
GCACCGCCCC CCGTGGGCCA CGCCTGAGCC GCCTGCTGTC CGCCGCCGCC
ACCAGCGCGG TGCCAGCCCC CAACCAGCAG CCCGAGGTCT TCTGCAACCA
GATCTTCATT AACAATGAGT GGCATGATGC TGTGAGCAAG AAAACATTCC
CCACCGTCAA CCCTTCCACG GGGGAGGTCA TCTGCCAGGT AGCCGAAGGG
AACAAGGAGG ACGTAGACAA GGCAGTGAAG GCCGCTCAGG CAGCCTTCCA
GCTGGGCTCG CCCTGGCGCC GCATGGATGC ATCTGACAGG GGCCGGCTGT
TGTACCGATT GGCTGATCTC ATCGAACGGG ACCGGACCTA CCTGGCGGCC
TTGGAGACCC TGGACAACGG CAAGCCTTAT GTCATCTCCT ACCTGGTGGA
TTTGGACATG GTTCTGAAAT GTCTCCGCTA TTATGCTGGC TGGGCTGACA
AGTACCACGG GAAAACCATT CCCATCGATG GCGACTTCTT CAGCTACACC
CGCCACGAGC CTGTGGGCGT GTGTGGACAG ATCATTCCGT GGAACCTCCC
GCTCCTGATG CAAGCCTGGA AGCTGGGCCC TGCCTTGGCA ACTGGAAACG
TGGTGGTGAT GAAAGTGGCC GAGCAGACAC CGCTCACTGC ACTCTACGTG
GCCAACTTGA TCAAGGAGGC AGGCTTCCCC CCTGGTGTGG TCAATATTGT
TCCTGGATTC GGCCCTACCG CCGGGGCTGC CATCGCGTCC CACGAGGATG
TGGACAAAGT GGCCTTCACA GGTTCCACTG AGGTGGTCA CCTAATCCAG
GTTGCCGCCG GGAGCAGCAA TCTCAAGAGA GTAACCCTGG AACTGGGGGG
AAAGAGCCCC AATATCATCA TGTCAGACGC TGACATGGAC TGGGCTGTGG
AACAGGCCCA CTTTGCCCTG TTCTTCAACC AGGGCCAGTG CTGTTGTGCG
GGCTCCCGGA CCTTCGTGCA GGAGGATGTG TATGATGAAT TCGTGGAACG
CAGTGTGGCC CGGGCCAAGT CTCGGGTGGT CGGGAACCCT TTCGACAGCC
GGACGGAGCA GGGGCCGCAG GTGGATGAGA CTCAGTTTAA GAAGATCCTG
GGCTATATCA AGTCAGGACA ACAAGAAGGG GCGAAGCTGC TGTGCGGTGG
GGGCGCCGCC GCAGACCGTG GTTACTTCAT CCAGCCCACC GTGTTCCGGAG
ACGTCAAAGA TGGCATGACC ATCGCCAAGG AGGAGATCTT CGGACCAGTG
ATGCAGATCC TCAAATTCAA GACCATTGAG GAGGTTGTGG GGCGAGCCAA
TAATTCCAAG TACGGGCTGG CTGCCGCTGT CTTACAAAG GACCTGGACA
AGGCCAATTA CCTGTCCCAA GCTCTGCAGG CTGGGACTGT GTGGATCAAC
TGCTACGATG TGTTTGGGGC CCAGTCCCCA TTTGGTGGCT ATAAGATGTC
GGGGAGCGGC AGGGAGCTGG GCGAGTATGG CCTGCAGGCC TACACGGAAG
TGAAGACGGT CACCGTCAAA GTGCCACAGA AGAACTCGTA AAGTGGCGTG
CAGGCTTCCT CAGCCAGCGC CCAAAAACCC AACAAGATCC TGAGAAAAGC
CACCAACAAG CACACTGCGC CTGCCAAGAG AAAACCCCTT CACCAAAGCG
TCTTGGGCCA AGAAAGTCAG GATTTGATAA ACAGGGCAGG GTTGGTGGGC
GGTGTGTGGG GAGCATCCCA GTAAACTGGG GAAGGGAGGA GCTCTGTGCA
GACTACCACG CGCACGCACA CACGCTCACT GGGTCCTTCT GTGCTGGATG
CTGGTCCAC CCTCAGTGCT TAAACAAATG AGCAATAAA

Fig. 11

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GCTCTCGGTC	CGCTCGCTGT	CCGCTAGCCC	GCTGCGATGT	TGCGCGCTGC
CGCCGCTCGG	GCCCCGCCTG	GCCGCCGCCT	CTTGTGAGCC	GCCGCCACCC
AGGCCGTGCC	TGCCCCCAAC	CAGCAGCCCG	AGGTCTTCTG	CAACCAGATT
TTCATAAACA	ATGAATGGCA	CGATGCCGTC	AGCAGGAAAA	CATTCCCCAC
CGTCAATCCG	TCCACTGGAG	AGGTCATCTG	TCAGGTAGCT	GAAGGGGACA
AGGAAGATGT	GGACAAGGCA	CGTGAAGGCC	GCCCGGGCGC	CTTCCAGCTG
GGCTCACCTT	GGCGCCGCAT	GGACGCATCA	CACAGCGGCC	GGCTGCTGAA
CCGCCTGGCC	GATCTGATCG	AGCGGGACCG	GACCTACCTG	GCGGCCTTGG
AGACCCTGGA	CAATGGCAAG	CCCTATGTCA	TCTCCTACCT	GGTGGATTGT
GACATGGTCC	TCAAATGTCT	CCGGTATTAT	GCCGGCTGGG	CTGATAAGTA
CCACGGGAAA	ACCATCCCCA	TTGACGGAGA	CTTCTTCAGC	TACACACGCC
ATGAACCTGT	GGGGGTGTGC	GGGCAGATCA	TTCCGTGGAA	TTTCCCGCTC
CTGATGCAAG	CATGGAAGCT	GGGCCCAGCC	TTGGCAACTG	GAAACGTGGT
TGTGATGAAG	GTAGCTGAGC	AGACACCCCT	CACCGCCCTC	TATGTGGCCA
ACCTGATCAA	GGAGGCTGGC	TTTCCCCCTG	GTGTGGTCAA	CATTGTGCCT
GGATTTGGCC	CCACGGCTGG	GGCCGCCATT	GCCTCCCATG	AGGATGTGGA
CAAAGTGGA	TTCACAGGCT	CCACTGAGAT	TGGCCGCGTA	ATCCAGGTTG
CTGCTGGGAG	CAGCAACCTC	AAGAGAGTGA	CCTTGAGACT	GGGGGGGAAG
AGCCCCAACA	TCATCATGTC	AGATGCCGAT	ATGGATTGGG	CCGTGGAACA
GGCCCACTTC	GCCCTGTTCT	TCAACCAGGG	CCAGTGCTGC	TGTGCCGGCT
CCCGGACCTT	CGTGCAGGAG	GACATCTATG	ATGAGTTTGT	GGTGCGGAGC
GTTGCCCCGG	CCAAGTCTCG	GGTGGTCGGG	AACCCCTTTG	ATAGCAAGAC
CGAGCAGGGG	CCGCAGGTGG	ATGAAACTCA	GTTTAAGAAG	ATCCTCGGCT
ACATCAACAC	GGGGAAGCAA	GAGGGGGCGA	AGCTGCTGTG	TGGTGGGGGC
ATTGCTGCTG	ACCGTGGTTA	CTTCATCCAG	CCCACTGTGT	TTGGAGATGT
GCAGGATGGC	ATGACCATCG	CCAAGGAGGA	GATCTTCGGG	CCAGTGATGC
AGATCCTGAA	GTTCAAGACC	ATAGAGGAGG	TTGTTGGGAG	AGCCAACAAT
TCCACGTACG	GGCTGGCCGC	AGCTGTCTTC	ACAAAGGATT	TGGACAAGGC
CAATTACCTG	TCCCAGGCCC	TCCAGGCGGG	CACTGTGTGG	GTCAACTGCT
ATGATGTGTT	TGGAGCCCAG	TCACCCTTTG	GTGGCTACAA	GATGTCGGGG
AGTGGCCGGG	AGTTGGGCGA	GTACGGGCTG	CAGGCATACA	CTGAAGTGAA
AACTGTCACA	GTCAAAGTGC	CTCAGAAGAA	CTCATAAGAA	TCATGCAAGC
TTCTCCCTC	AGCCATTGAT	GGAAAGTTCA	GCAAGATCAG	CAACAAAACC
AAGAAAAATG	ATCCTTGCGT	GCTGAATATC	TGAAAAGAGA	AATTTTTCTT
ACAAAATCTC	TTGGGTCAAG	AAAGTTCTAG	AATTTGAATT	GATAAACATG
GTGGGTTGGC	TGAGGGTAAG	AGTATATGAG	GAACCTTTTA	AACGACAACA
ATACTGCTAG	CTTTCAGGAT	GATTTTTTAA	AAATAGATTG	AAATGTGTGA
TCCTCTCTCT	GAAACGCTTC	CTATAACTCG	AGTTTATAGG	GGAAGAAAAA
GCTATTGTTT	ACAATTATAT	CACCATTAAAG	GCAACTGCTA	CACCCTGCTT
TGTATTCTGG	GCTAAGATTC	ATTAAAAACT	AGCTGCTCT	

Fig. 12